Item T	Topic or	Condition of Approval	Due Date	Action
# F	Program			
	District Heating Loops	The Companies shall submit to DEEP's Bureau of Energy and Technology Policy (BETP) for DEEP's records the status of implementation of the new statutory authorization that allows energy savings resulting from connection to district heating loops that use waste heat to be eligible for incentives. The funding of such incentives is incremental to the Conservation and Load Management budget, pursuant to Section 242 of Public Act 15-5 (June Special Session). The Companies describe on page 400 of the Plan how they intend to implement this provision. The report would be used to educate others and inform action in this sector.	09-01-16	Report
	Demand Response	The Companies shall submit to BETP for DEEP's review and approval a report that documents progress developing implementation strategies to advance the deployment of Demand Response technology, particularly in the Commercial and Industrial sector, including a timeline for action. DEEP is pleased to see that Demand Response pilots are included in the Plan, with specific plans noted for the residential sector, and a note that a pilot will occur for the Commercial and Industrial sector. DEEP is interested in an increased focus on the Commercial and Industrial sector. Such report on the status of demand response shall identify the locational and durational nature of demand issues and identifying opportunities that are related to geography and peak demand. Such report will help inform state planning and design of future actions, regardless of the outcome of current pending litigation on certain demand reduction programs. The Companies shall provide recommendations on the timeline for developing permanent programs and on the funding mechanism for such programs. These recommendations will be especially important in the Commercial and Industrial Sector if regional independent system operator demand response programs are	04-01-16 and include in Annual Updates for 2017 and 2018	Report

Item	Topic or	Condition of Approval	Due Date	Action
#	Program			
		Additionally, such report shall include a summary of the state of Time Varying Rates or Time of Use Rates in Connecticut. Such report shall include a summary of all customer participation and the energy savings associated with Time Varying Rates or Time of Use Rates in each electric utility's service territory; the potential to achieve additional cost-effective energy savings through optimization of Time Varying Rates or Time of Use Rates and other regulatory and incentive mechanisms in Connecticut. The Companies should include implementation recommendations for integrating information about Time Varying Rates or Time of Use Rates with the customer engagement platforms to better allow customers to receive economic signals and to encourage greater participation in the United Illuminating territory.		
		Such report shall include an update on Eversource's progress in deploying advanced metering systems consistent with CGS 16-243w and provide an update on efforts to provide two-way communication using equipment other than meters to increase the ability of customers to participate in Time of Use Rates and demand response programs. For the 2016 report United Illuminating shall describe how they are encouraging participation and use of Time Varying Rates currently and how they will develop a plan for implementing critical peak pricing and additional dynamic pricing options. In 2017, United Illuminating shall summarize the effectiveness of Time Varying Rates or Time of Use Rates and any new dynamic pricing structures in United Illuminating territory. In 2018, Eversource shall assess how Eversource can apply the results of the information provided by United Illuminating to enable customers to use Time Varying Rates or Time of Use Rates and other dynamic pricing options.		
3	Street Lighting	The Companies shall submit to BETP for DEEP's records a report that summarizes the state of street lighting in Connecticut. Specifically, the Companies shall provide best estimates of the numbers of street lighting fixtures owned by the utilities, municipalities, and the State of Connecticut. To the extent such information is available to the Companies, the report shall quantify how many	09-01-16	Report

Item #	Topic or Program	Condition of Approval	Due Date	Action
TT .	riogiani	street lights in each category have been upgraded to LED technology and/or with advanced lighting controls. The Companies will provide recommendations on the timeline for upgrading street lights in each of these categories, and the recommended funding mechanism for such upgrades.		
4	Comprehensive coordinated plan for public education and the education of students	DEEP does not concur with the Board's response to DEEP's question which noted that the Board "does not feel an additional 'overall plan for education in the future' is needed at this time" (Energy Efficiency Board Responses to DEEP Requests for Information, November 16, 2015). DEEP only approves the "Educate the Public" and "Educate the Students" portions of the budget for calendar year 2016. The "Educate the Public" and "Educate the Students" portions of years 2017 and 2018 are not approved, and a proposed budget shall be provided in the 2017 Annual Update, not to exceed the currently proposed 2017 and 2018 budget levels, that is reflective of planning conducted through the following process: In the first half of calendar year 2016, the Companies, in consultation with the Board and DEEP, shall initiate a discernment process to clarify the roles and responsibilities of the Connecticut Energy Efficiency Fund, DEEP, and other stakeholders in providing energy education for the public and for students. Such discernment process shall provide for stakeholder engagement to discern the key elements of the plan and the roles of various entities in planning and implementing energy education services for the public and students. Given the scale of this ratepayer investment in education for the general public and students DEEP believes it is critical for a comprehensive proactive plan to accompany the budget. For example, a comprehensive education plan would ensure that duplication of effort does not occur between eesmarts and Green Leaf activities.	07-01-16 Submittal of comprehensive education plan 10-01-16 Initiation of procurement process for education services	Modification of portions of the Education budget; Development of Plan and Procurement Process for Educational Services

Item	Topic or	Condition of Approval	Due Date	Action
#	Program			
		The Companies shall submit a comprehensive education plan for DEEP's review and approval by July 1, 2016 that describes a scope of services for the education of the public and the education of students regarding sustainable resource and energy conservation. The comprehensive education plan shall ensure that services are demographically and geographically inclusive. Based on the stakeholder engagement and discernment process conducted, the comprehensive education plan shall describe the roles of various entities planning and implementing energy education services for the public and students. Funding from the Connecticut Energy Efficiency Fund should be exclusively focused on supporting efficiency and conservation education themes, but may deployed as part of education programs and channels (funded in part by other sources) that touch on a broader range of themes. The plan must identify how funding from the Connecticut Energy Efficiency Fund will be integrated with other energy education services and funding sources to ensure energy conservation education is conducted statewide. Such comprehensive education plan shall include a description of the scope of		
		services that will be acquired through professional services and describe a competitive process to initiate by October 1, 2016 an open, competitive process		
		to procure those services.		
5	Transition to grant process for services delivered by colleges and universities [pending]	[PENDING SUPPLEMENTAL APPROVAL] [DEEP is pleased to approve the budget for ISE's work [which is spread across different elements of the Plan budget and summarized in the Plan's Appendix F] for calendar year 2016. DEEP believes that some additional time is needed for DEEP to consider and discuss with stakeholders the comments received on DEEP's proposed condition of approval relating to "transition to grant process for services delivered by colleges and universities". To allow for that additional time without delaying a decision on the remaining Plan budget for 2016-2018,in the coming weeks, DEEP will issue a supplemental conditional approval related to whether to		

Item #	Topic or Program	Condition of Approval	Due Date	Action
#	Fiogram	retain this condition of approval regarding the items in the 2017 and 2018 budgets that relate to the work performed by ISE.]		
6	Residential weatherization barriers	The Companies shall submit an annual report on residential weatherization barriers for customers of each Company to BETP for DEEP's records which DEEP would share with the Department of Housing, Department of Public Health, and make available to other interested parties. Pre-weatherization barriers include, but are not limited to: asbestos, knob and tube wiring, mold, and unvented appliances. Such an annual report should include charts and the information contained in the Plan's summary of the issue. The report should summarize the data that Eversource collected from Home Energy Solutions contractors for visits performed since January 2014. The report should include charts that depict the results of the Home Energy Solutions contractor barrier reporting and assist with quantifying the level of funding and financing that may be needed to remediate health and safety barriers, as this is an important ongoing step needed to achieve the 80 percent weatherization goal by 2030.	3-01-17 and Annually on March 1 st of each year	Report
7	Home Energy Solutions Co- Pay	The Home Energy Solutions co-pay shall be increased by at least \$25.00 on an annual basis as follows: no later than September 1, 2016, the co-pay shall be raised to at least \$124; no later than September 1, 2017 the co-pay shall be raised to at least \$149; and no later than September 1, 2018, the co-pay shall be raised to at least \$174. The purpose of this modification is to increase the share of participants' investments to advance a long-term goal of market transformation, and increasing the scalability of residential efficiency programs—a priority that was emphasized in the 2013 Comprehensive Energy Strategy. As participants provide a greater share of the program cost, the ratepayer-funded incentives will be able to reach more customers. DEEP is setting out the required schedule in this decision in order to ensure that vendors can prepare for the co-pay increases well in advance, and to incent the Companies and vendors to focus on strategic	By September 1 of each year, notify vendors of annual co- pay increase 04-01-16 Review of HES Co-Pay rebate for insulation and HVAC	Modification

Item	Topic or	Condition of Approval	Due Date	Action
#	Program	marketing to promote the value of home performance to customers. These		
		numbers are based on data collected in a price elasticity study conducted by the		
		Companies in August 2015 and reported to the Board on November 12,		
		2015. That study documented that respondents indicated an increased		
		willingness to pay a higher price for the co-pay, once they are informed of the		
		benefits of improving their homes' performance. DEEP considers it essential that		
		the Companies continue to provide education to residential property owners on		
		the economic value of improving the energy performance of homes.		
		DEEP appreciates the role of the Board in providing careful, regular oversight of		
		customer participation, equitable distribution, and budget expenditure for the		
		residential program. In the event that, despite demonstrated substantial effort		
		and investment in strategic marketing by the Companies and vendors to promote		
		the value of home performance, customer demand is insufficient to expend		
		annual budgets (including demand among customers for particular income		
		levels), DEEP will consider a request from the Companies and the Board to amend		
		the schedule of co-pay increases. Such request should be informed by compelling documentation of need, such as discussion with representatives from the home		
		energy performance services industry, elasticity studies, market conditions,		
		education efforts, and customer and vendor feedback.		
		education errorts, and education of and vertical recassion.		
8	Modification	Modify Tables A, A-1, B, C, and D for all Companies by reallocating the program	03-01-16	Modification
	of C&LM	subtotals presently at the bottom of each table back into the respective		
	Budget	customer classes for Residential, Commercial and Industrial, and Other. This		
	Tables(A,A-	reallocation dollar amount should be displayed as a <u>new</u> line item for each		
	1,B,C,D)	customer class. The purpose of such modification is to clarify how much of a		
		total investment is made in each of the residential and the commercial and		
		industrial classes. The net result will be that the sum of the individual customer		
		classes in the main portion of the table will equal the grand totals at the bottom		
		of the table. This methodology should be employed with other tables in the Plan		

Item	Topic or	Condition of Approval	Due Date	Action
#	Program			
		where a similar discrepancy exists between subtotals of investment dollars. All budget tables for all companies should show no program subtotals at the bottom of the table as currently displayed. Also, the table submitted by the Companies showing the percentage allocations of Residential and Commercial and Industrial from the Other customer class should be included with these revised budget tables, along with the associated investment dollars by customer class for each year of the Plan.		
9	Refinement of consultant services	The Board must collaborate with the Companies to develop, by no later than March 14, 2016, a work plan that describes a comprehensive list of specific tasks that Board consultants will perform in 2016, 2017, and 2018 to fulfill the Board's statutory responsibilities. The Board shall submit such work plan to DEEP by March 14, 2016. Such work plan shall provide for a Consultant Compensation Budget for 2016 not to exceed \$650,000 and shall propose a budget for 2017 and 2018 not to exceed the 2016 level. DEEP believes that this level of funding is sufficient to provide the level of consultant services required to ensure the Board's ability to fulfill its statutory assignments. The goal of reducing this budget item from last year is to shift these investments into direct energy savings for the Residential and the Commercial & Industrial sectors. The work plan for consultant services need to be carefully and continually reviewed by the Board to determine whether the work effort coincides with the budget proposed. A reduction in labor hours and/or labor rates may be required, in addition to a focusing of the work plans for the services the Board seeks. The budgets for each year of the three-year Plan are expected to vary with the tasks needed in those years. The Board may subsequently request an expansion in the scope of the work plan and/or an increase in the budget if the need for additional services arises. Such request for DEEP's review and approval of an increased budget shall include sufficient documentation of specific priority tasks requiring	O3-14-16 Board to submit Budget not to exceed \$650,000 and work plan for task-driven consultant services	Modification

Item	Topic or	Condition of Approval	Due Date	Action
#	Program			
		additional work.		
		DEEP recognizes that the Board is a voluntary board and its members generously donate their time to advance the Board's mission. Thus, it makes sense to contract with consultants to assist the Board in fulfilling its duties, particularly given that such consultants bring expertise with a national perspective. DEEP commends the Board on conducting a competitive RFP for consultant services. DEEP encourages the Board to carefully consider the roles and responsibilities of each Consultant as the EEB reviews responses to its most recent request for proposals for technical services and to move to a more task-driven model of acquiring the services of technical experts. It is important to ensure that work is assigned and performed in an efficient manner, and that work plans are sufficiently detailed and planned to ensure that available resources from the Companies, DEEP, and the Connecticut Green Bank are utilized as appropriate prior to initiating additional tasks for the Board consultants.		
		Over the past several years the Conservation and Load Management staffing levels at the Companies have increased, and a new Connecticut Green Bank and DEEP Bureau of Energy and Technology Policy have been established. Additional resources are now available to support the Board in its mission and this should be reflected in the scope of contracting for the Board's consultant services. The Board should ensure that the scope of work for any technical services contracts supporting the Board prevents redundancies and maximizes the use of each technical consultant's expertise.		
		To further illustrate this evolution, we note that the Connecticut Green Bank, in its comments to DEEP regarding DEEP's tentative determination to approve with conditions the Plan, has offered to the Board and the Companies "to provide expertise on financing." The CT Green Bank noted in their comments that they have "a team of finance experts" working to attract "more affordable investment in clean energy in Connecticut for residential, commercial, industrial, institutional,		

Item #	Topic or Program	Condition of Approval	Due Date	Action
TI CONTRACTOR OF THE PROPERTY	riogiam	multifamily, non-profit, and infrastructure sectors." The Connecticut Green Bank also has offered its expertise to identify financing solutions that can address both pre-weatherization health and safety upgrades as well as energy efficiency upgrades. [Connecticut Green Bank comments to DEEP, dated December 21, 2015, page 2]		
		In response to its publication of its tentative determination to approve with conditions the Plan, DEEP received comments expressing concern about reductions to the Board consultants' budget, and noting that the level of investment needed must be sufficient to ensure the maintenance of energy efficiency planning in Connecticut at "deep strategic, programmatic, and technical levels well before any final regulatory decision is made" [Comment from Acadia Center, dated December 22, 2015, page 2]. The Office of Consumer Counsel expressed concerns in its comments [p. 2] submitted in response to DEEP's tentative determination to approve with conditions the Plan about the sufficiency of the budget to cover the workload of the consultants. The Office of Consumer Counsel noted in its comments [p. 2] that "there is only a very small amount of work that would qualify to be moved from a consultant[because the Board] is an independent Board." DEEP has carefully considered these concerns and has concluded that a sufficient level of expertise may be obtained for the \$650,000 budget approved for Energy Efficiency Board consultant services in 2016.		
10	Evaluation, Measurement, and Verification	By no later than March 1, 2016, the Companies and the EEB shall revise the "2016-2018 Evaluation Plan Recommended Project List." Projects should be classified as either "Fundamental" or "Discretionary" with priority given to fundamental projects to be completed. Evaluation studies that are essential for complying with ISO specifications should be considered fundamental. The importance, timing, and data quality objective required must be articulated for each proposed study.	03-01-16	Modification

Item #	Topic or Program	Condition of Approval	Due Date	Action
77	riogiani	While the evaluations are important to ensure program cost-effectiveness, it is critical that the timing of the evaluations be synchronized to enable incorporation of program design recommendations into the program planning process. Additionally, the number and scheduling of the evaluations must be monitored to ensure that sufficient capacity exists on the part of the EEB members, EEB Committees, the Companies, the technical consultants, and the Evaluation Administrator to adequately review the results and respond timely to recommendations. The update should focus on process and impact evaluations as required by Connecticut General Statutes section 16-245m, while continuing to transfer market assessment and other sector-based research studies to sector-based budgets. Based on a review of Table 8, DEEP believes that a budget of \$3,000,000 annually for evaluation studies provides sufficient capacity to conduct impact and process studies to evaluate program cost-effectiveness at the level of precision needed to quantify and verify savings and continually improve program design. The balance of funds in the proposed Evaluation Budget above \$3,000,000 may be reallocated to provide for initiation and development of direct measurement and verification capabilities. Such funds may be coordinated with and support Demand Response technology implementation.		
11	Evaluation Administrator/ Consultant Budget	The Companies and the Board shall modify the Evaluation Administrator/ Consultant budget downward to a level not to exceed \$300,000, to reflect the modified "2016-2018 Evaluation Plan Recommended Project List." An inventory of administrative or consultant tasks and projects for each year may reveal cost saving opportunities in projects that are reviews or routine for now matured programs. The Evaluation Administrator budget must reflect an increased focus on ensuring quality and effective timing of Evaluation, Measurement, and Verification activities. The Board may propose a modification of this budget in	03-01-16	Modification

Item	Topic or	Condition of Approval	Due Date	Action
#	Program			
		the 2017 Update if sufficient documentation is provided. Despite comments from the Evaluation Administrator to the contrary, DEEP notes that DEEP did not vote to approve the Evaluation Projects, Evaluation Budget, and Evaluation Administrator/Consultant Budgets at either the EEB meeting or Evaluation Committee meetings. Since we have the responsibility of reviewing, analyzing, and approving these items, it is DEEP's practice to abstain from voting on any plan or budget proposed by the Evaluation Committee or the full Board. After a September 2015 Evaluation Committee meeting staff members from the Office of Consumer Counsel and DEEP reviewed the evaluation projects proposed by the Evaluation Administrator and raised questions with each project in order to determine whether these projects were necessary to be funded. These questions were sent to the Evaluation Administrator requesting a response back to both DEEP and OCC with the answers to them so that DEEP could determine whether the proposed studies were fundamentally necessary to be completed by a third-party Evaluation Administrator on in the timeframe of the Plan. The Evaluation Administrator declined to address those question specifically and published the project list almost entirely similar to the initially proposed list. In a November 8, 2015 response to DEEP's request for information [BETP-52] from the Board regarding the proposed Plan, the Evaluation Administrator did provide an especially useful table [Figure 8] to illustrate criteria for consideration of Evaluation Studies. This summary of criteria provided for prioritization in a meaningful way. In DEEP's review of this table it was evident that no more than \$3 million is needed to complete the statutorily required task of evaluating, measuring, and verifying the savings from the Plan's investments.		
12	Consistency in Company Reporting	Eversource and UI should utilize the same tables in reporting their data. As an example, Eversource currently uses Table B-1 and UI uses Table B for reporting benefit/cost ratios, and do not use common data reporting fields. This makes it unnecessarily difficult to compare and consolidate information between the Companies. The Companies should revise these tables to be consistent.	03-01-16	Modification

Item #	Topic or Program	Condition of Approval	Due Date	Action
"	1 TOBIUM			
13	Increase effectiveness of incentives in multifamily property energy efficiency retrofits and new construction	As noted in the public comment from CHFA, DOH, and the Connecticut Green Bank, ongoing efforts to improve the coordination of financing with multifamily housing project development is important. As part of the overall process improvements underway that are described in the Plan, the Companies shall implement modified processes to increase the effectiveness of the coordination of financing with multifamily workflow process improvement. Specifically, assess the feasibility of issuing letters of agreement to the Connecticut Housing Finance Authority rather than developers to prevent energy efficiency improvements from being either engineered out of multifamily projects or used to increase the pricing of developers.	03-01-16	Modification
14	HES-IE	The Companies shall modify the Home Energy Solutions-Income Eligible program to provide a baseline payment to Community Action Agencies to compensate such agencies' for their intake services and provide a focus on the Agencies' core strengths. The Companies shall develop such modification with a focus on streamlining and harmonizing the HES-IE program with other weatherization programs in cooperation with the Connecticut Association for Community Action (CAFCA) and DEEP.	07-01-16	Modification
15	Clean Energy Communities	The Companies shall, in cooperation with DEEP, municipalities, and stakeholders, modify the Clean Energy Communities model to better incorporate the sustainability work of municipalities, and the sustainability and climate change work of DEEP and to ensure a community driven process to continuously improve the Clean Energy Communities program. Through the Companies' participation in stakeholder consultations led by DEEP, such modification should reflect the input from municipalities and various stakeholders The Companies shall cooperate with DEEP to support DEEP's identification of the steps that can be taken to integrate the work of municipalities, other advocacy organizations, and DEEP. The Companies shall develop the capacity to generate public reports that aggregate energy consumption information on a municipality-wide basis to support the work of municipalities. The Companies shall review the effectiveness	09-01-16	Modification

Item #	Topic or	Condition of Approval	Due Date	Action
#	Program	of the Clean Energy Communities dashboard in consultation with DEEP and municipalities.		
16	Data Management	The Companies shall develop the capacity to efficiently provide information electronically to the US EPA Portfolio Manager. While current law requires the Companies to provide data to the US EPA Portfolio Manager, a direct correlation between buildings and accounts does not currently exist, which prevents the Companies from directly uploading this information. This condition of approval is to specifically require the Companies to develop the technology or staff resource capacity to correlate the data between buildings and companies so that it is ultimately possible for data to be migrated directly to the US EPA Portfolio Manager platform.	03-01-16	Modification
17	Budget modification	The Companies shall propose a plan to reallocate unexpended 2015 revenue or any additional revenue, into 2016, to necessary investments that will ensure high priority work is completed.	03-01-16	Modification
18	Budget table presentation	The Companies shall provide a statewide budget table that totals each of the companies into a consolidated column when submitting a revised Plan.	03-01-16	Modification
19	Support for Municipalities	The Companies shall propose an allocation of the commercial and industrial budgets to ensure sufficient support is available to provide support to municipalities engaged in energy efficiency, particularly those municipalities pursuing Energy Savings Performance Contracts.	03-01-16	Modification
20	Performance Management Incentive	The Companies shall revise the budget for the performance management incentive to reflect a scale of 4.25% payment when 100% of goals are achieved for 2016 and 2017. Given the increasing difficulty in achieving savings as progress in mainstreaming energy efficiency is accomplished, the Companies may revise the 2018 payment to the originally proposed 4.5% scale if 100% of goals are achieved for 2018.	03-01-16	Modification
21	Energy efficiency coincidence with natural	Propose a plan and submit a report on a semi-annual basis to BETP for DEEP's records to provide information on the instances of the installation of high efficiency equipment installed coincident with the conversion to natural gas supply at residential and commercial and industrial properties. Additionally, include reporting	03-01-06 for Plan 09-01-16 for	Report
	gas conversion	of insulation installed in such properties from January 2012 onward. Propose a plan to annually survey customers that determines motivators for converting to natural	Annual Report	

Item	Topic or	Condition of Approval	Due Date	Action
#	Program			
		gas, determines motivators and barriers to installing energy-efficient natural gas equipment at the time of conversion, and determines awareness of energy-efficient natural gas equipment incentives and opportunities. Propose a plan to annually survey natural gas conversion contractors that may include assessment of the contractor's awareness of available energy-efficient heating and cooling equipment incentives and financing products, determine how contractors are presenting the energy-efficient equipment information to customers, and assessment of a contractor's willingness to promote energy efficient equipment as part of the value		
		proposition of the conversion to the use of natural gas at the property.		
22	Heat Pumps	The Companies shall review the rebate program for geothermal heat pumps and	07-01-16	
	[Geothermal	other heat pumps and determine the merits of increasing incentives for this		
	and other]	equipment for the purpose of increasing participation in investment of this technology, with the incentives tied to properly installed performance. The Companies shall also consult with the Connecticut Green Bank to ensure the availability of adequate financing products for this equipment to customers. The Companies shall summarize the status of financing products provided by the Connecticut Green Bank and the Companies. The Companies shall submit a report summarizing its review by July 1, 2016. In their report the Companies shall review the specifications and incentives used for heat pumps in other northeastern states, and recommend whether to align specifications and incentives with those of other northeastern states, to leverage regional action to lower the cost of such equipment.		